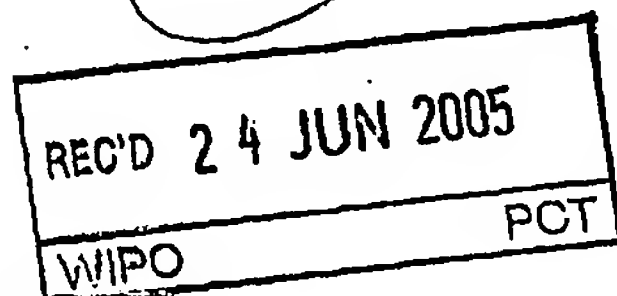


PATENT COOPERATION TREATY



From the
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

4/3

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/DK2005/000043

International filing date (day/month/year)
24.01.2005

Priority date (day/month/year)
22.01.2004

International Patent Classification (IPC) or both national classification and IPC
B42F7/02, B42F7/06, B31B41/00, G11B33/04

Applicant
3L-LUDVIGSEN AS

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/DK2005/000043

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ in written format
 - ☐ in computer readable form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-36
	No: Claims	
Inventive step (IS)	Yes: Claims	1-36
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-36
	No: Claims	

2. Citations and explanations

see separate sheet

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/DK2005/000043

I. Ad Section I.:

- 1 Reference is made to the following documents:
- D1 : GB 2 324 784 A (CHEN SU HSIANG WU) 4 November 1998 (1998-11-04)
 - D2 : US 6 032 795 A (EHRLUND AAKE ET AL) 7 March 2000 (2000-03-07)
 - D3 : FR 2 418 518 A (THOMSON BRANDT) 21 September 1979 (1979-09-21)
 - D4 : US 5 501 326 A (SHUHSIANG WU C) 26 March 1996 (1996-03-26)
 - D5 : US 5 595 293 A (MILLER ET AL) 21 January 1997 (1997-01-21)

II. Ad Section V.:

- 2 None of the cited documents discloses all the features of claims **1**, **17** and **29**.
- 2.1 The subject-matter of claims **1**, **17** and **29** is therefore novel (Article 33(2) PCT).
- 3 Claim **1**: Document **D1**, which is considered to represent the most relevant state of the art, discloses a device from which the subject-matter of claim **1** differs in that :
- (1) The sleeve comprises at least **four** layers;
 - (2) The sleeve has no second central sheet;
- 3.1 Claim **17**: Document **D1**, which is considered to represent the most relevant state of the art, discloses a device from which the subject-matter of claim **17** differs in that :
- (3) The sleeve holder has a plurality of parallel ribs each having two rib sides and forming between them ... clearances in the slots (Claim **17**, page 28, II.2-6).
- 3.2 Claim **29**: Document **D1**, which is considered to represent the most relevant state of the art, discloses a device from which the subject-matter of claim **29** differs in that :
- (3) The sleeve holder has a plurality of parallel ribs each having two rib sides and forming between them ... clearances in the slots (Claim **29**, page 29, I.32-page 30 I. 4);
 - (4) The projections ... in the holder (Claim **29**, page 30, II.5-6).
- 3.3 As none of the cited documents renders obvious the characterising features of the independent claims **1**, **17** and **29** in combination with **D1**, the claims **1**, **17** and **29** of the present application are considered as involving an inventive step (Article 33(3) PCT).
- 4 Claims **2-16**, **18-28** and **30-36** are dependent on claims **1**, **17** and **29** respectively

**WRITTEN OPINION OF THE
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AUTHORITY (SEPARATE SHEET)**

International application No.

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and as such also meet the requirements of the PCT with respect to novelty and inventive step.

- 5 The claimed invention for which protection is sought can be made or used (in the technological sense) in any kind of industry and shall therefore be considered industrially applicable according to Article 33(4)PCT.
- 6 Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document **D1** is not mentioned in the description, nor is this document identified therein.
- 7 The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT). This applies to both the preamble and characterising portion.